DOCUMENT RESUME

ED 119 420 EC 081 550

TITLE The Collaborative Study on Cerebral Palsy, Mental Retardation, and Other Neurological and Sensory Disorders of Infancy and Childhood. Bibliography No. 8. July 1974 through June 1975.

INSTITUTION National Inst. of Neurological and Communicative Disorders and Stroke (NIH), Bethesda, Md.

REPORT NO DHEW-NIH-76-1050

PUB DATE Oct 75

NOTE 17p.; For related information, see EC 062 962, EC 031 860-862

EDRS PRICE MF-$0.83 HC-$1.67 Plus Postage

DESCRIPTORS *Bibliographies; Cerebral Palsy; Childhood; Early Childhood; Exceptional Child Research; *Handicapped Children; Infancy; Medical Research; Mentally Handicapped; Neurologically Handicapped; Perinatal Influences

ABSTRACT

The eighth in a series of annual bibliographies of the Collaborative Perinatal Project lists 30 manuscripts and journal articles from studies on cerebral palsy, mental retardation, and other neurological and sensory disorders of infancy and childhood. Entries are grouped under the categories of core and non-core data publications (based on sampling methods used for patient selection) and by collaborating institutions. Information provided usually includes author, title, source, pagination, and date. Examples of topics included are fetal hypoxia, rubella, and congenital malformations in twins. (LS)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

ED119420

BIBLIOGRAPHY

THE COLLABORATIVE STUDY ON CEREBRAL PALSY, MENTAL RETARDATION, AND OTHER NEUROLOGICAL AND SENSORY DISORDERS OF INFANCY AND CHILDHOOD

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

NO. 8

July 1974 through June 1975

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health
National Institute of Neurological and Communicative Disorders and Stroke

DHEW Publication No. (NIH) 76-1050

EC081550

NOTE

Core publications are based either on pooled or local core data. The latter are identified by an asterisk preceding the serial number of the publication.

LEGEND

* = local core data

\# = other collaborators

FOREWORD

This document is the eighth in the series of annual bibliographies of the Collaborative Perinatal Project.

The publication covers in scope all manuscripts based on core data that were presented at national and international professional conventions, and/or published in a variety of medical and public health journals or periodicals. Core refers to patient selection by a systematic sampling method approved for each participating institution.

Manuscripts based on core data collected by all the Collaborating Institutions are cleared prior to presentation or prior to submission to a journal by an established NINCDS-NIH mechanism for merit review. Perinatal Research Section investigators submit all their manuscripts (pooled or local and non-core) to the same review process. Manuscripts based on local core data are reviewed by the respective authorities at the local Collaborating Institutions.

Joseph S. Drage, M.D.
Chief
Developmental Neurology Branch
Neurological Diseases Program
National Institute of Neurological and
Communicative Disorders and Stroke

October 31, 1975

PREFACE

This is a compilation of Collaborative Perinatal Research Project publications from July 1974 through June 1975, the eighth in the series of annual bibliographies prepared at the end of each fiscal year.

The publications herein include:

1. Pooled core data publications (publications based on Project data collected by all Collaborating Institutions*)

2. Local core data publications (publications based on Project data collected by any one Collaborating Institution)

3. Non-Project studies of special interest to authors at Perinatal Research Branch as well as those from authors in the Collaborating Institutions who are paid in part or in toto from Collaborative Perinatal Research Project funds.

Authors of Collaborative Project publications wishing consideration of articles not included are invited to send information together with reprints to:

Project Services Unit
Perinatal Research Section
Developmental Neurology Branch
Neurological Diseases Program, NINCDS
Federal Building, Room 8C-03
Bethesda, Maryland 20014

*Collaborating Institutions

Boston Lying-In Hospital
Brown University
Charity Hospital of Louisiana
Children's Hospital of Buffalo
Children's Hospital of Philadelphia
Children's Medical Center - Boston
Columbia University
Johns Hopkins University
Medical College of Virginia
New York Medical College
Pennsylvania Hospital
University of Minnesota
University of Oregon
University of Tennessee
Warren Anatomical Museum
Harvard University

CONTENTS

	Page
FOREWORD	iii
PREFACE	v
BIBLIOGRAPHY	
Core Data Publications	
Perinatal Research Section	1
Contract	3
Collaborating Institutions	
Boston Lying - In Hospital	5
Brown University	5
Medical College of Virginia	5
New York Medical College	5
University of Minnesota	5
Non-Core Data Publications	
Collaborating Institutions	
Brown University	7
Johns Hopkins University	7
University of Minnesota	7
University of Oregon	7
University of Tennessee	8
SUBJECT INDEX	9
AUTHOR INDEX	11

COLLABORATIVE PERINATAL PROJECT PUBLICATIONS

NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE

PERINATAL RESEARCH SECTION

1. BROMAN, S.H., NICHOLS, P.L. and KENNEDY, W.
   Preschool IQ: Prenatal and Early Developmental Correlates
   Hillsdale, N.J., Lawrence Erlbaum Associates, Inc.,
   (distrubuted by Halsted Press of John Wiley & Sons, Inc.)
   1975, 336 pp.

2. FUJIKURA, T. and KLIONSKY, B.
   The significance of meconium staining
   American Journal of Obstetrics & Gynecology. 121: 45-50, 1975

3. MYRIANTHOPOULOS, N.C.
   Congenital malformations in twins
   Acta Geneticae Medicae et Gemellologiae. 23: 57-58, 1974
   (ABSTRACT)

4. MYRIANTHOPOULOS, N.C. and CHUNG, C.S.
   Congenital malformations in singletons: Epidemiologic survey
   Birth Defects: Original Article Series. The National Foundation March of Dimes. Vol. X, No. 11, 1974, pp. 1-58

5. MYRIANTHOPOULOS, N.C. and de la BURDE, B.
   A case of conjoined twins
   Acta Geneticae Medicae et Gemellologiae. 23: 17, 1974
   (ABSTRACT)

6. MYRIANTHOPOULOS, N.C., NICHOLS, P.L. and BROMAN, S.H.
   Intellectual development of twins. Comparison with singletons
   Acta Geneticae Medicae et Gemellologiae. 23: 60, 1974
   (ABSTRACT)

7. NAYLOR, A.F.
   Sequential aspects of spontaneous abortion: Maternal age, parity, and pregnancy compensation artifact
   Social Biology. 21: 195-204, Summer 1974

8. NAYLOR, A.F. and WARBURTON, D.
Genetics of obstetrical variables. A study from the Collaborative Perinatal Project
Clinical Genetics. 6: 351-369, 1974

9. NELSON, K.B. and ELLENBERG, J.H.
Spastic diplegia at one year: Prognosis
Developmental Medicine and Child Neurology. 17: 390-391, 1975 (ABSTRACT)

#10. SEVER, J.L., FUCCILLO, D.A., ELLENBERG, J. and GILKERSON, M.R.
Infection and low birth weight in an industrialized society
American Journal Diseases of Children. 129: 557-558, 1975

Infectious Diseases Branch, NINCDS

CONTRACTS

BOSTON UNIVERSITY MEDICAL CENTER
NO1-NS-2-2322 Maternal drug ingestion and fetal abnormalities

11. HARTZ, S.C., HEINONEN, O.P., SHAPIRO, S., SISKIND, V. and SLONE, D.
Antenatal exposure to meprobamate and chlordiazepoxide in relation to malformations, mental development, and childhood mortality
The New England Journal of Medicine. 292: 726-728, 1975

12. HARTZ, S., ROSENBERG, L., HEINONEN, O.P., SLONE, D. and SHAPIRO, S.
Epidemiologic screening of multiple risk factors in relation to multiple congenital malformations: A statistical approach
Teratology. 10: 311, 1974 (ABSTRACT)

JOHNS HOPKINS UNIVERSITY
NO1-NS-2-2321 Ancillary studies

*13. HARDY, J.B.
Congenital rubella
In Ryan, S.J. Jr. and Smith, R.E. (Eds.): The Eye in Systemic Disease, New York, Grune & Stratton, 1974, pp. 195-204

PENNSYLVANIA STATE UNIVERSITY - M.S. HERSHEY MEDICAL CENTER
NO1-NS-3-2311 Analysis of general pathology and placental pathology of the Collaborative Perinatal Project data

14. NAEYE, R.
Amniotic fluid infections and premature rupture of the membranes, epidemiologic differences
Pediatric Research. 9: 298, 1975 (ABSTRACT #247)

15. NAEYE, R.
Fatal accidents and respiratory tract infections of infancy, contrasting epidemiologies
Pediatric Research. 9: 298, 1975 (ABSTRACT #248)

16. NAEYE, R.
Fetal hypoxia, a prospective study
Pediatric Research. 9: 298, 1975 (ABSTRACT #249)

17. NAEYE, R. and DRAGE, J.
Sudden infant death syndrome, a prospective study
Pediatric Research. 9: 298, 1975 (ABSTRACT #250)

COLLABORATING INSTITUTIONS

Core Data Publications

BOSTON LYING-IN HOSPITAL

*18. #RIEDER, R.O., ROSENTHAL, D., WENDER, P. and BLUMENTHAL, H.
The offspring of schizophrenics. Fetal and neonatal deaths
Archives of General Psychiatry. 32: 200-211, 1975

BROWN UNIVERSITY

*19. COWETT, R.M., and STERN, L.
Maternal thyroid status and the incidence of respiratory distress syndrome: Evaluation of a proposed relationship
Pediatrics. 55: 497-499, 1975

*20. ROSENBLITH, J.F.
Relations between neonatal behaviors and those at eight months
Developmental Psychology. 10: 779-792, 1974

MEDICAL COLLEGE OF VIRGINIA

*21. de la BURDE, B. and SHAPIRO, I.M.
Dental lead, blood lead, and pica in urban children
Archives of Environmental Health. 30: 281-284, 1975

NEW YORK MEDICAL COLLEGE

22. NISWANDER, K.R., GORDON, M. and DRAGE, J.S.
The effect of intrauterine hypoxia on the child surviving to 4 years
American Journal of Obstetrics and Gynecology. 121: 892-899, 1975

UNIVERSITY OF MINNESOTA

23. FISCH, R.O., BILEK, M.K., MILLER, L.D. and ENGEL, R.R.
Physical and mental status at 4 years of age of survivors of the respiratory distress syndrome
Journal of Pediatrics. 86: 497-503, 1975

National Institute of Mental Health

COLLABORATING INSTITUTIONS

Non-Core Data Publications

BROWN UNIVERSITY

24. ENGEN, T. and LIPSITT, L.P.
Ability of newborn infants to discriminate sapid substances
Developmental Psychology. 10: 741-744, 1974

JOHNS HOPKINS UNIVERSITY

25. HARDY, J.B.
Rubella and congenital rubella
In Conn, H.F. (Ed.): CURRENT THERAPY. Philadelphia, W.B. Saunders, Co., 1974, pp. 57-60

UNIVERSITY OF MINNESOTA

26. FISCH, R.O., DEINARD, A.S., DISCH, L.J. and KRIVIT, W.
Potential toxicity of iron overload in successive generations of rats
The American Journal of Clinical Nutrition. 28: 136-139, 1975

UNIVERSITY OF OREGON

27. ENGEL, R.
Late vertex potentials evoked by electrical stimulation from the lips of the newborn
Electroencephalography and Clinical Neurophysiology 37: 206-207, 1974 (ABSTRACT)

28. ENGEL, R.
Neugeborenenkrampfe
(English title: Neonatal seizures: EEG and high risk factors-a prognostic evaluation)
der Kinderarzt. 5: 735-740, 1974

29. ISOM, J.B.
Reading disabilities
in Vaughan, V.C. III, and McKay, R.J. (Eds.): NELSON'S TEXTBOOK OF PEDIATRICS, 10th ed., Philadelphia, W.B. Saunders Co., 1975, pp. 123-126

COLLABORATING INSTITUTIONS

Non-Core Data Publications

UNIVERSITY OF TENNESSEE

30. KORONES, S.B., LANCASTER, J. and ROBERTS, F.B. (Eds.): HIGH RISK NEWBORN INFANTS. The C.V. Mosby Company, 1972

SUBJECT INDEX

Abortion, spontaneous, sequential aspects, 7

Accidents, fatal, and respiratory tract infections, contrasting epidemiologies, 15

Animal study, iron toxicity, 26

Behavior, neonatal and at 8 months, 20

Birthweight, low, in industrialized society, 10

Cerebral palsy, 9

Chlordiazepoxide, antenatal exposure to, 11

Development
- antenatal, exposure to drugs and mental development, 11
- intellectural, twins compared with singletons, 6

Diplegia, spastic, prognosis at one year, 9

Drugs in pregnancy, 11

EEG and high risk factors, neonatal seizures, 28

Evoked potentials, late vertex stimulation, lips of newborn, 27

Genetics, obstetrical variables, 8

High-risk infants, newborn, 30

Hypoxia
- fetal, 16
- intrauterine, effect on surviving child, 22

Infection
- amniotic fluid, and premature rupture of membranes, 14
- and low birthweight in undustrialized society, 10
- respiratory tract, 15

IQ, preschool, prenatal and early developmental correlates, 1

Iron toxicity, animal study, 26

Lead poisoning in urban children, 21

Malformations
- and drugs in pregnancy, 11
- congenital
  - in singletons, 4
  - in twins, 3
  - multiple risk factors, statistical approach, 12

Maternal age and spontaneous abortion, 7

Meconium staining, significance, 2

Membranes, premature rupture and amniotic fluid infection, 14

Meprobamate, antenatal exposure to, 11

Mortality
- child, drugs in pregnancy, 11
- fatal accidents, 15
- fetal and neonatal, offspring of schizophrenics, 18
- infant, 14
- sudden infant death syndrome, 17

Newborn
- ability to discriminate sapid substances, 24
- high-risk infants, 30
- late vertex potentials, stimulation of lips, 27

Obstetrical variables, genetics of, 8

Parity and spontaneous abortion, 7

Reading disabilities, 29

Respiratory distress syndrome
  and maternal thyroid status, 19
  physical and mental status
    of survivors, 23

Rubella, 25
  congenital, 13, 25

Schizophrenics, offspring, fetal
  and neonatal deaths, 18

Seizures, neonatal, EEG and
  high-risk factors, 28

Sudden infant death syndrome, 17

Taste, newborn, 24

Thyroid, maternal, and respiratory
  distress syndrome, 19

Twins
  congenital malformations, 3
  conjoined, 5
  intellectual development,
    comparison with singletons, 6

AUTHOR INDEX

Bilek, M. K., 23
Blumenthal, H., 18
Broman, S. H., 1, 6

Chung, C. S., 4
Cowett, R. M., 19

Deinard, A. S., 26
de la Burde, B., 5, 21
Disch, L. J., 26
Drage, J. S., 17, 22

Ellenberg, J. H., 9, 10
Engel, R., 27, 28
Engel, R. R., 23
Engen, T., 24

Fisch, R. O., 23, 26
Fuccillo, D. A., 10
Fujikura, T., 2

Gilkerson, M. R., 10
Gordon, M., 22

Hardy, J. B., 13, 25
Hartz, S. C., 11, 12
Heinonen, O. P., 11, 12

Isom, J. B., 29

Kennedy, W., 1
Klionsky, B., 2
Korones, S. B., 30
Krivit, W., 26

Lancaster, J., 30
Lipsitt, L. P., 24

Miller, L. D., 23
Myrianthopoulos, N. C., 3, 4, 5, 6

Naeye, R., 14, 15, 16, 17
Naylor, A. F., 7, 8
Nelson, K. B., 9
Nichols, P. L., 1, 6
Niswander, K. R., 22

Rieder, R. O., 18
Roberts, F. B., 30
Rosenberg, L., 12
Rosenblith, J. F., 20
Rosenthal, D., 18

Sever, J. L., 10
Shapiro, I. M., 21
Shapiro, S., 11, 12
Siskind, V., 11
Slone, D., 11, 12
Stern, L., 19

Warburton, D., 8
Wender, P., 18